

Claims

[c1] We claim as our invention:

1. A wood-type golf club head comprising:
a body having a face plate, a crown and a sole, the body composed of a metal material,
the face plate having an aspect ratio ranging from 1.0 to 1.7 and a face area ranging from 4.00 square inches to 7.50 square inches, the face plate having a plurality of scorelines thereon, wherein the face plate comprises a central circular region having a base thickness, a first concentric region having a first thickness wherein the base thickness is greater than the first thickness, a second concentric region having a second thickness wherein the first thickness is greater than the second thickness, a third concentric region having a third thickness wherein the second thickness is greater than the third thickness, and a periphery region having a fourth thickness wherein the fourth thickness is less than the third thickness;
wherein the golf club head has a volume no greater than 400 cubic centimeters;
wherein the golf club head has a coefficient of restitution of ranging from 0.80 to 0.93 under standard USGA conditions; and

wherein the golf club head has a mass ranging from 165 grams to 300 grams.

- [c2] 2. A wood-type golf club head comprising:
 - a body having a face plate, a crown and a sole, the body composed of a metal material,
 - the face plate having an aspect ratio ranging from 1.0 to 1.7 and a face area ranging from 4.00 square inches to 7.50 square inches, the face plate having a plurality of scorelines thereon, wherein the face plate has a plurality of concentric regions of varying thickness with the thickest region in the center;
 - wherein the golf club head has a volume no greater than 400 cubic centimeters;
 - wherein the golf club head has a coefficient of restitution of ranging from 0.80 to 0.93 under standard USGA conditions; and
 - wherein the golf club head has a mass ranging from 165 grams to 300 grams.
- [c3] 3. A wood-type golf club head comprising:
 - a body having a face plate, a crown and a sole, the body composed of a metal material,
 - the face plate having an aspect ratio ranging from 1.0 to 1.7 and a face area ranging from 4.00 square inches to 7.50 square inches, the face plate having a plurality of scorelines thereon;

wherein the golf club head has a volume no greater than 400 cubic centimeters;

wherein the golf club head has a coefficient of restitution ranging from 0.80 to 0.93 under standard USGA conditions; and

wherein the golf club head has a mass ranging from 165 grams to 300 grams.

- [c4] 4. The wood-type golf club head according to claim 3 wherein the depth of the golf club head from the face plate to a rear of the crown ranges from 3.606 inches to 3.741 inches.
- [c5] 5. The wood-type golf club head according to claim 3 wherein the volume of the golf club head ranges from 260 cubic centimeters to 350 cubic centimeters.
- [c6] 6. The wood-type golf club head according to claim 3 wherein the face area of the face plate ranges from 4.50 square inches to 5.50 square inches.
- [c7] 7. The wood-type golf club head according to claim 3 wherein the mass of the golf club head ranges from 175 grams to 225 grams.
- [c8] 8. The wood-type golf club head according to claim 3 wherein the crown has a thickness ranging from 0.025 inch to 0.060 inch.

